

SEQUENCE LISTING

<110> Novartis AG

<120> Hsp70 from Arthrobacter

<130> VA/H-32534A

<150> GB 0216414.3

<151> 2002-07-15

<160> 2

<170> PatentIn version 3.1

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<211> 2464

<212> DNA

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<212> PRT

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Thr Ile Ala Ser Val Lys Arg His Met Gly Thr Asp Trp Thr Val Gly		
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Ile Asp Asp Lys Lys Tyr Thr Ala Gln Glu Ile Ser Ala Arg Thr Leu		
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Met Lys Leu Lys Asn Asp Ala Glu Ser Tyr Leu Gly Glu Lys Val Thr		
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Asp Ala Val Ile Thr Val Pro Ala Tyr Phe Asn Asp Ala Glu Arg Gln		
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Ala Thr Lys Glu Ala Gly Glu Ile Ala Gly Leu Asn Val Leu Arg Ile		
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Val Asn Glu Pro Thr Ala Ala Ala Leu Ala Tyr Gly Leu Asp Lys Gly		
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Lys Glu Asp Glu Leu Ile Leu Val Phe Asp Leu Gly Gly Gly Thr Phe		
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Asp Val Ser Leu Leu Glu Val Gly Lys Asp Asp Asp Gly Phe Ser Thr		
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Ile Gln Val Arg Ala Thr Ser Gly Asp Asn Arg Leu Gly Gly Asp Asp		
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Trp Asp Gln Arg Ile Val Asp Tyr Leu Leu Asn Gln Leu Lys Val Lys		
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Asp Glu Gln Leu Thr Arg Ala Lys Phe Gln Glu Leu Thr Ala Asp Leu
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Leu Glu Arg Thr Lys Lys Pro Phe Gln Asp Val Ile Ala Glu Ala Gly
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Ile Lys Val Ser Asp Ile Asp His Ile Val Leu Val Gly Gly Ser Thr
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Arg Met Pro Ala Val Thr Glu Leu Val Lys Gln Leu Ala Gly Gly Lys
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340 345 350

Ala Leu Gln Ala Gly Val Leu Lys Gly Glu Arg Lys Asp Val Leu Leu
355 360 365

Ile Asp Val Thr Pro Leu Ser Leu Gly Ile Glu Thr Lys Gly Gly Val
370 375 380

Met Thr Lys Leu Ile Glu Arg Asn Thr Ala Ile Pro Thr Lys Arg Ser
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Glu Thr Phe Thr Thr Ala Asp Asp Asn Gln Pro Ser Val Ala Ile Gln
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Val Phe Gln Gly Glu Arg Glu Phe Thr Arg Asp Asn Lys Pro Leu Gly
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Thr Phe Glu Leu Thr Gly Ile Ala Pro Ala Pro Arg Gly Val Pro Gln
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Val Glu Val Thr Phe Asp Ile Asp Ala Asn Gly Ile Val His Val Ser
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Ala Lys Asp Lys Gly Thr Gly Lys Glu Gln Ser Met Thr Ile Thr Gly
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Gly Ser Ser Leu Ser Lys Glu Asp Ile Glu Arg Met Val Ala Asp Ala
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Glu Ala His Ala Ala Glu Asp Lys Ala Arg Arg Glu Gln Ala Glu Ala
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Arg Asn Ser Ala Glu Gln Leu Ala Tyr Ser Val Asp Lys Ile Leu Thr
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Asp Asn Asp Asp Lys Leu Pro Glu Glu Val Lys Thr Glu Val Lys Ala
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Asp Val Gly Ala Leu Lys Thr Ala Leu Ala Gly Thr Asp Glu Asp Ala
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Val Glu Ala Ala Ser Glu Lys Leu Gln Ala Ser Gln Thr Lys Leu Gly
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Gly Ala Ile Tyr Ala Ser Ala Gln Ala Glu Gly Ala Ala Ala Ala Gly
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Asp Ala Pro Ser Glu Gly Ala Lys Pro Asp Glu Asp Ile Val Asp Ala
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Glu Ile Val Asp Glu Glu Glu Pro Lys Asn Glu Lys Lys
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